

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-014535**Date Inspected:** 15-May-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Geng wei/ Zhou cheng**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#14

SMAW welding of weld joint 4F-270 located on PCMK DP3042-001 of Segment 12AW welder is identified as 066361. ZPMC QC is identified as Mr. Zhong yong gang. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

SMAW welding of weld joint 3F-118 located on PCMK SEG3001H of Segment 12AE welder is identified as 037998. ZPMC QC is identified as Mr. Wang xu . The welding variables recorded by QC appeared to Comply with the WPS-B-T-4113-2.

FCAW welding of weld joint 3G-014 located on PCMK SEG3001M of Segment 12AE welder is identified as 201087. ZPMC QC is identified as Mr. Wang xu . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-B-U2-F.

Visual inspection of following weld joint fit-up is identified as SEG3003C-135,127 checked with ZPMC QC Mr. Guo xing hui to comply with WPS-B-T-2233-Tc-U4b-F.

FCAW welding of weld joint 3G-004 located on PCMK SEG3005B of Segment 12BW welder is identified as 201215. ZPMC QC is identified as Mr. Zhang yong gang . The welding variables recorded by QC appeared to

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

Comply with the WPS-B-T-2233-B-U2-F.

Corner assembly of CA3006 fit-up with deck panel of segment 12AW north side is in progress.

BAY#16

This QA inspector performed 15% MT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as Tower Facade. The weld designations reviewed are as follows:

SL3-43-008,009,013. Green tag no – 12587.

SL3-43-023,025,028. Green tag no – 12588.

SL3-33-019. Green tag no—12580.

OUTSIDE SHOP

10CE

SMAW welding of weld joint 2F-173 located on PCMK SSD18-PP94 of Segment 10CE welder is identified as 043661. ZPMC QC is identified as Mr.Li ping. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

BAY#19

This QA inspector performed 15% MT of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as FL-3 bottom plate. The weld designations reviewed are as follows:

BP025-014-006,009,013,018,021. Green tag no-012327.

BP025-014-045,048,050,053,049.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

| | | |
|----------------------|--------------|-----------------------------|
| Inspected By: | Kumar,Chadra | Quality Assurance Inspector |
|----------------------|--------------|-----------------------------|

| | | |
|---------------------|-------------------|-------------|
| Reviewed By: | McClendon,Timothy | QA Reviewer |
|---------------------|-------------------|-------------|